

## **PROPOSED TAC – CLEAN ENERGY SOURCES QUESTIONS - Joe Johnson**

1. As a state policy do we prioritize procurement of clean energy (non-fossil) first?

YES!

2. How do you propose we integrate more clean energy into our energy sources?

- a. Adopt an aspirational goal of 100% fossil free electric generation by 2030.
- b. Close Valmy by 2020 and not renew the PPA with TS coal generation plant.
- c. Beginning with the 2016 Energy Supply Plan and Updates, develop an orderly closure and replacement of the existing fossil fueled generation facilities.

3. Are there existing statutes that need revision/amendment/deletion in order to implement the broad policy of prioritizing clean energy first? Yes!

If so, what statutes do you propose be revised/amended/deleted and what is the general direction for your proposal to do so?

- a. Establish an Energy Efficiency Resource Standard or the Legislative requirement that the Demand Side Plans include all cost-effective-measures.
- b. Sunset solar DG multipliers and remaining station use credits.
- c. Loading Order? -Legislative Requirement and establishment of evaluative criteria

4. Are there specific legislative instructions that need to be provided to the PUC?

Decoupling? - Legislative Authorization

Loading Order? -Legislative Requirement and establishment of evaluative criteria

Consideration of externalities and how to quantify? -Legislative adoption of USEPA's Social Cost of Carbon

As summarized:

<https://www3.epa.gov/climatechange/Downloads/EPAactivities/social-cost-carbon.pdf>

<https://www3.epa.gov/climatechange/EPAactivities/economics/scc.html>

Accessed 5/12/2016

Social Cost of CO<sub>2</sub>, 2015-2050 a (in 2007 Dollars per metric ton CO<sub>2</sub>)

Source: Technical Support Document (PDF, 21 pp, 1 MB): Technical Update of the Social Cost of Carbon for Regulatory Impact Analysis Under Executive Order 12866 (May 2013, Revised July 2015)

Discount Rate and Statistic

Year	5% Average	3% Average	2.5% Average	3% 95th percentile
2015	\$11	\$36	\$56	\$105
2020	\$12	\$42	\$62	\$123
2025	\$14	\$46	\$68	\$138
2030	\$16	\$50	\$73	\$152
2035	\$18	\$55	\$78	\$168
2040	\$21	\$60	\$84	\$183
2045	\$23	\$64	\$89	\$197
2050	\$26	\$69	\$95	\$212

a The SC-CO<sub>2</sub> values are dollar-year and emissions-year specific.

5. What broad policies are necessary to increase Nevada's opportunities for exportation? What policies do we need to coordinate with the Grid Mod TAC? No reply!

6. Should we revise/expand the RPS? If so, what is your proposal for revision/expansion?

NRS 704.78215 Calculation of portfolio energy credits

Replace generate with deliver to the grid.

- What are the impediments to revising/expanding the RPS?

- Should we phase out banked credits? Yes!

7. What specific policy actions should occur, if any, related to EE?

Establish an Energy Efficiency Resource Standard or the Legislative requirement that the Demand Side Plans include all cost-effective-measures.

8. Are there existing impediments to further clean energy development that can be controlled by the state? Political will!

9. Will any/all of the proposals set forth above ensure that:

Nevada will be CPP compliant at the time the stay is lifted? No!

Nevada will be in a position to adopt CEIP early-action compliance? -Hopefully!

Nevada will be trade ready at the time the CPP stay is lifted? No!